**Project Plan Overview**

Below are the tasks associated with the development of this project.

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| Task | Completion Date | Description |
| Project proposal | 05/15/2013 | Delivered online to Professor Konemann. |
| Feasibility study, detailed project requirement specification, and the work plan. | 05/22/2013 | Delivered online to Professor Konemann. |
| Technology research | 05/22/2013 | I will need time to research some of the technology needed for this project that I am less familiar with, such as MVC development, AJAX, and JQuery. |
| Architectural design | 05/29/2013 | System design, class diagram, design patterns to be used. |
| Database design, build database | 05/31/2013 | ER diagram and build of the database. |
| HL7 import process | 06/12/2013 | The routine to parse and import the HL7 formatted file. |
| Unit test HL7 import process | 06/12/2013 |  |
| System security | 06/12/2013 |  |
| Unit test security | 06/12/2013 |  |
| Update on progress | 06/17/2013 | Meet with Professor Konemann to discuss project status. |
| Web forms design | 06/30/2013 |  |
| Patient lookup, results display, LINQ queries | 07/20/2013 |  |
| Update on progress | 07/22/2013 | Meet with Professor Konemann to discuss project status. |
| Statistical reports | 07/31/2013 |  |
| Unit test statistical reports | 07/31/2013 |  |
| Data maintenance screens | 08/05/2013 |  |
| Unit test data maintenance screens | 08/05/2013 |  |
| Final release version of application | 08/10/2013 |  |
| Integration testing | 08/14/2013 | Testing of full integrated application. |
| Final documentation | 08/17/2013 | Completion of all deliverables needed for capstone project. |
| Final presentation | 08/21/2013 | Presentation of capstone project |